Code	Practice	Component	Units	Unit Cost
311	Alley Cropping	Single row bareroot planting stock with tree shelters	No	$0.88
311	Alley Cropping	Single row bareroot planting stock	No	$0.21
314	Brush Management	Mechanical and Chemical, Large Shrubs	Ac	$29.61
314	Brush Management	Hand Cut and Chemical, Small Shrubs, Dense Infestation	Ac	$79.06
314	Brush Management	Biological Control Grazing of Brush weed control	Ac	$18.50
314	Brush Management	Split method event series	Ac	$11.73
314	Brush Management	Mechanical, Hand tools	Ac	$7.63
314	Brush Management	Mechanical, Small Shrubs	Ac	$12.47
314	Brush Management	Mechanical, Large Shrubs	Ac	$46.39
314	Brush Management	Mechanical and Chemical, Small Shrubs	Ac	$15.20
314	Brush Management	Chemical, Individual Plant Treatment	Ac	$4.04
314	Brush Management	Chemical, Ground Applied	Ac	$3.03
314	Brush Management	Biological Brush Management Low Density	Ac	$61.71
315	Herbaceous Weed Treatment	Mechanical, Hand	Ac	$6.03
315	Herbaceous Weed Treatment	Chemical, Spot	Ac	$3.37
315	Herbaceous Weed Treatment	Chemical, Ground	Ac	$3.82
315	Herbaceous Weed Treatment	Mechanical	Ac	$6.16
315	Herbaceous Weed Treatment	split method and event series	Ac	$13.29
315	Herbaceous Weed Treatment	Biological Control Grazing for herbaceous weed control	Ac	$18.50
315	Herbaceous Weed Treatment	mechanical and chemical	Ac	$13.27
315	Herbaceous Weed Treatment	Biological Management Low Density	Ac	$42.75
319	On-Farm Secondary Containment Facility	Fueling Pad for existing fuel storage	SqFt	$2.85
319	On-Farm Secondary Containment Facility	Precast Containment Facility for Existing Fuel Storage	Gal	$0.48
319	On-Farm Secondary Containment Facility	Secondary Containment Structure	Gal	$0.28
319	On-Farm Secondary Containment Facility	Double Wall Tanks, Combined 3300 Gal or Less, With Fueling Pad	Gal	$1.58
319	On-Farm Secondary Containment Facility	Double Wall Tank, Combined Greater Than 3300 Gal, With Fueling Pad	Gal	$0.86
324	Deep Tillage	Deep Tillage less than 20 inches	Ac	$2.64

Code	Practice	Component	Units	Unit Cost
327	Conservation Cover	Introduced Species	Ac	$17.28
327	Conservation Cover	Pollinator Mix on Urban Sites	kSqFt	$12.21
327	Conservation Cover	Native Species	Ac	$21.72
327	Conservation Cover	Monarch Species Mix	Ac	$83.49
327	Conservation Cover	Pollinator Species	Ac	$67.61
327	Conservation Cover	Orchard or Vineyard Alleyways	Ac	$12.04
328	Conservation Crop Rotation	Irrigated to Dryland Rotation Organic and Non-Organic	Ac	$10.46
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	Ac	$1.46
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	Ac	$3.90
329	Residue and Tillage Management, No Till	Urban Small Scale No Till No Dig with Residue or Cover	kSqFt	$3.97
329	Residue and Tillage Management, No Till	No-Till/Strip-Till	Ac	$2.31
333	Amending Soil Properties with Gypsum Products	Gypsum greater than 1 ton rate	Ac	$6.49
333	Amending Soil Properties with Gypsum Products	Gypsum less than 1 ton per acre	Ac	$3.76
334	Controlled Traffic Farming	Controlled Traffic	Ac	$6.23
338	Prescribed Burning	Level to Moderate Terrain, Herbaceous Fuel Non-Volatile	Ac	$9.72
338	Prescribed Burning	Site Preparation	Ac	$5.07
338	Prescribed Burning	Level Terrain, Volatile or woody fuels	Ac	$19.03
338	Prescribed Burning	Tribal Special Purpose	Ac	$158.45
338	Prescribed Burning	Steep Terrain, Herbaceous Fuel	Ac	$20.13
338	Prescribed Burning	Understory Burn	Ac	$2.36
340	Cover Crop	Multi-species Cover Crop per 1000 square feet	kSqFt	$5.61
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	Ac	$7.02
340	Cover Crop	Mechanical Termination of Cover Crop per 1000 square feet	kSqFt	$2.53
340	Cover Crop	Cover Crop - No Termination Needed, Basic and organic/non-organic	Ac	$4.44
340	Cover Crop	Cover Crop - 1 acre or less	Ac	$50.74
342	Critical Area Planting	Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	Ac	$96.93
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	Ac	$57.83
342	Critical Area Planting	Grass Plugs	SqFt	$0.01
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	Ac	$23.54

Code	Practice	Component	Units	Unit Cost
342	Critical Area Planting	Small Scale or Urban Field Permanent Cover	kSqFt	$1.54
345	Residue and Tillage Management, Reduced Till	Residue and Tillage Management, Reduced Till	Ac	$2.16
345	Residue and Tillage Management, Reduced Till	Urban Small Scale Reduced Tillage with Residue or Cover	kSqFt	$3.48
374	Energy Efficient Agricultural Operation	Replace HAF Fan w/ Eff HAF fan greater than 20 inch dia. for animal housing	No	$44.99
374	Energy Efficient Agricultural Operation	Ventilation - Replacement of Horizontal Air Flow Fan with Efficient HAF Fan	No	$24.65
374	Energy Efficient Agricultural Operation	Water Heating - Compressor Heat Recovery	No	$467.88
374	Energy Efficient Agricultural Operation	Variable Speed Drive Over 15 HP	HP	$12.27
374	Energy Efficient Agricultural Operation	Reverse Osmosis > 250 and < 1000 GPH	Gal/Hr	$2.36
374	Energy Efficient Agricultural Operation	Reverse Osmosis >= 1000 GPH	Gal/Hr	$1.77
374	Energy Efficient Agricultural Operation	Water Heating - High Efficiency or Tankless Water Heater	No	$295.88
374	Energy Efficient Agricultural Operation	Low Energy Livestock Waterers	No	$131.52
374	Energy Efficient Agricultural Operation	Heating (Building)	No	$267.01
374	Energy Efficient Agricultural Operation	Plate Cooler-Small	No	$503.86
374	Energy Efficient Agricultural Operation	Ventilation - Replacement of Conventional Exhaust Fan with High Efficiency Exhaust Fan	No	$167.44
374	Energy Efficient Agricultural Operation	Variable Speed Drive 15 HP or Less	No	$185.92
374	Energy Efficient Agricultural Operation	Plate Cooler Large	No	$3,447.05
374	Energy Efficient Agricultural Operation	Automatic Controller System	No	$203.35
374	Energy Efficient Agricultural Operation	Motor Upgrade = 1 HP	No	$62.83
374	Energy Efficient Agricultural Operation	Heating - Radiant Systems	No	$164.44
374	Energy Efficient Agricultural Operation	Reverse Osmosis <= 250 GPH	Gal/Hr	$2.87
374	Energy Efficient Agricultural Operation	High Velocity Animal Housing Circulation Fan	No	$96.89
374	Energy Efficient Agricultural Operation	New Grain Dryer	No	$11,836.90
374	Energy Efficient Agricultural Operation	Heating - Root Zone Heating	Lnft	$0.34
374	Energy Efficient Agricultural Operation	Evaporator Wood-Fired, Air Injected	SqFt	$56.72
374	Energy Efficient Agricultural Operation	Enhanced Preheater	SqFt	$70.01
374	Energy Efficient Agricultural Operation	Motor Upgrade > 1 and < 10 HP	HP	$16.73
374	Energy Efficient Agricultural Operation	Plate Cooler Medium	No	$1,453.82
374	Energy Efficient Agricultural Operation	Grain Aeration Floor System	SqFt	$1.63
374	Energy Efficient Agricultural Operation	Evaporator Wood-Fired, Gasifier	SqFt	$97.27

Code	Practice	Component	Units	Unit Cost
374	Energy Efficient Agricultural Operation	Scroll Compressor	HP	$59.07
374	Energy Efficient Agricultural Operation	Motor Upgrade 10 - 100 HP	HP	$9.31
378	Pond	Embankment with Pipe	CuYd	$1.01
378	Pond	Excavated Pond without Pipe	CuYd	$0.67
380	Windbreak/Shelterbelt Establishment and Renovation	3 or more row windbreak, shrub, machine planted	Ft	$0.16
380	Windbreak/Shelterbelt Establishment and Renovation	Renovation-Thinning or tree/shrub removal with Skidsteer followed by machine planting	Ft	$0.30
380	Windbreak/Shelterbelt Establishment and Renovation	3 or more row windbreak, trees, shelters, machine planted	Ft	$0.28
380	Windbreak/Shelterbelt Establishment and Renovation	Renovation-Supplemental hand planting with container or bare root stock	Ft	$0.26
380	Windbreak/Shelterbelt Establishment and Renovation	3 or more row windbreak, trees, machine planted	Ft	$0.08
380	Windbreak/Shelterbelt Establishment and Renovation	Renovation-Thinning or tree removal with Dozer (trees > 8 inches DBH) followed by hand planting	Ft	$0.52
380	Windbreak/Shelterbelt Establishment and Renovation	2-row windbreak, shrubs, machine planted	Ft	$0.07
380	Windbreak/Shelterbelt Establishment and Renovation	1 row windbreak, shrubs, hand planted	Ft	$0.07
380	Windbreak/Shelterbelt Establishment and Renovation	2-row windbreak, trees, shelters, machine planted	Ft	$0.23
380	Windbreak/Shelterbelt Establishment and Renovation	2-row windbreak, trees, machine planted	Ft	$0.08
380	Windbreak/Shelterbelt Establishment and Renovation	Renovation - Tree/shrub removal with chainsaw followed by hand planting	Ft	$0.39
380	Windbreak/Shelterbelt Establishment and Renovation	1 row windbreak, trees, hand planted	Ft	$0.03
380	Windbreak/Shelterbelt Establishment and Renovation	Renovation-Thinning or tree removal with Dozer (trees > 8 inches DBH) followed by machine planting	Ft	$0.35
380	Windbreak/Shelterbelt Establishment and Renovation	Renovation - Thinning or tree/shrub removal with Skidsteer followed by hand planting	Ft	$0.46
382	Fence	High Tensile Electric One Strand	Ft	$0.09
382	Fence	Multi Strand Barbed/Smooth Wire	Ft	$0.24
382	Fence	Safety	Ft	$0.48
382	Fence	Chain link	Ft	$1.90
382	Fence	Feed or Feeding Area Enclosure	Ft	$0.50
382	Fence	Electric, High Tensile	Ft	$0.21
382	Fence	Multi Strand Barbed or smooth Wire Difficult terrain	Ft	$0.32
383	Fuel Break	Fuel Break	Ac	$168.50
384	Woody Residue Treatment	Forest Slash Treatment, Medium and or Heavy	Ac	$22.39
384	Woody Residue Treatment	Restoration or conservation treatment following catastrophic events	Ac	$90.06

Code	Practice	Component	Units	Unit Cost
384	Woody Residue Treatment	Woody residue or silvicultural slash treatment, light	Ac	$19.19
386	Field Border	Field Border, Introduced Species, Forgone Income	Ac	$37.20
386	Field Border	Field Border, Introduced Species	Ac	$9.47
386	Field Border	Small Scale Urban Field Border	kSqFt	$6.94
386	Field Border	Field Border, Native Species	Ac	$17.21
386	Field Border	Field Border, Native Species, Forgone Income	Ac	$44.94
386	Field Border	Field Border, Pollinator	Ac	$45.39
386	Field Border	Field Border, Pollinator, Forgone Income	Ac	$73.12
390	Riparian Herbaceous Cover	Native Species	Ac	$4.43
390	Riparian Herbaceous Cover	Warm Season Mix	Ac	$58.83
390	Riparian Herbaceous Cover	Native Species, Pollinator Planting	Ac	$20.30
390	Riparian Herbaceous Cover	Cool Season Mix	Ac	$52.05
391	Riparian Forest Buffer	Bare Root, machine planted	Ac	$276.44
391	Riparian Forest Buffer	Bareroot trees, each	No	$0.23
391	Riparian Forest Buffer	Bare Root, hand planted	Ac	$371.78
393	Filter Strip	Filter Strip, Introduced species	Ac	$18.43
393	Filter Strip	Filter Strip, Native species	Ac	$25.07
393	Filter Strip	Filter Strip, Native species, Forgone Income	Ac	$52.80
393	Filter Strip	Filter Strip, Introduced species, Forgone Income	Ac	$46.16
394	Firebreak	Constructed, Medium equipment, flat to medium slopes	Ft	$0.06
394	Firebreak	Constructed - Light Equipment	100 Ft	$0.40
394	Firebreak	Constructed, Medium equipment, steep slopes	Ft	$0.16
394	Firebreak	Constructed, Wide, bladed or disked firebreak	Ft	$0.42
394	Firebreak	Vegetated permanent firebreak	Ft	$0.02
395	Stream Habitat Improvement and Management	Instream wood placement	No	$30.00
395	Stream Habitat Improvement and Management	Lunker Structure	No	$51.57
395	Stream Habitat Improvement and Management	Riparian Zone Improvement, Forested	Ac	$966.90
395	Stream Habitat Improvement and Management	Backwater Refuge	No	$58.71
395	Stream Habitat Improvement and Management	Instream rock placement, each	No	$63.42

Code	Practice	Component	Units	Unit Cost
395	Stream Habitat Improvement and Management	Instream rock placement, feet	Ft	$12.68
395	Stream Habitat Improvement and Management	Instream wood placement, average density	SqFt	$0.09
396	Aquatic Organism Passage	Concrete Box Culvert	Cu-Ft	$5.39
396	Aquatic Organism Passage	Blockage Removal	No	$270.71
396	Aquatic Organism Passage	Earthen Dam Removal	CuYd	$1.70
396	Aquatic Organism Passage	Bottomless Culvert	Cu-Ft	$8.53
396	Aquatic Organism Passage	Concrete Beam Bridge	Cu-Ft	$2.80
396	Aquatic Organism Passage	Multi Plate Full Invert Culvert, Area 124 sqft or Less	Cu-Ft	$5.33
396	Aquatic Organism Passage	Multi Plate Full Invert Culvert, Area Greater Than 124 sqft	Cu-Ft	$3.31
396	Aquatic Organism Passage	CMP Culvert, Greater Than 96 inch Diameter	Cu-Ft	$4.21
396	Aquatic Organism Passage	CMP Culvert, Less Than or Equal to 96 inch Diameter	Cu-Ft	$5.02
396	Aquatic Organism Passage	Bridge: Timber Decking, Timber Supports, Timber Pilings	Cu-Ft	$5.34
396	Aquatic Organism Passage	Bridge, Manufactured, Foundation Modification	Lnft	$332.61
410	Grade Stabilization Structure	Timber Toewall	No	$351.95
410	Grade Stabilization Structure	Embankment Dam - Drainage Area > 200 Acres	No	$4,742.85
410	Grade Stabilization Structure	Aluminum, Steel or concrete toe wall retrofitting	No	$608.38
410	Grade Stabilization Structure	Embankment Dam - Drainage Area 5.1 to 10 Acres	No	$942.63
410	Grade Stabilization Structure	Embankment Dam - Drainage Area 20.1 to 40 Acres	No	$2,238.65
410	Grade Stabilization Structure	Side Inlet Structure	No	$380.47
410	Grade Stabilization Structure	Embankment Dam - Drainage Area 40.1 to 70 Acres	No	$3,544.01
410	Grade Stabilization Structure	Embankment Dam - Drainage Area 10.1 to 20 Acres	No	$1,375.39
410	Grade Stabilization Structure	Plunge pool, Design Note-6	No	$645.74
410	Grade Stabilization Structure	Weir Drop Structures	SqFt	$12.83
410	Grade Stabilization Structure	Concrete Block or Rock Chute	SqFt	$1.45
410	Grade Stabilization Structure	Fabric Reinforced Vegetated Chute	SqFt	$0.39
410	Grade Stabilization Structure	Drop Inlet to Culvert	No	$470.60
412	Grassed Waterway	Waterway DA between 200 and 600 acres	Ft	$0.49
412	Grassed Waterway	Grassed Waterway with checks between 200 and 600 ac drainage area	Ft	$0.92
420	Wildlife Habitat Planting	Very Small Acreage (<.5 ac) Planting with Seedlings	Ac	$3,065.59

Code	Practice	Component	Units	Unit Cost
420	Wildlife Habitat Planting	Specialized Habitat Requirements on Non-Cropland, no Foregone Income	Ac	$99.89
420	Wildlife Habitat Planting	Specialized Habitat Requirements on Cropland with Foregone Income	Ac	$131.03
420	Wildlife Habitat Planting	High Species Diversity on Fallow or Non-Cropland, no Foregone Income	Ac	$48.78
420	Wildlife Habitat Planting	High Species Diversity on Cropland with Foregone Income	Ac	$83.52
420	Wildlife Habitat Planting	Low Species Diversity on Non-Cropland, no Foregone Income	Ac	$26.33
420	Wildlife Habitat Planting	Low Species Diversity on Cropland with Foregone Income	Ac	$59.27
422	Hedgerow Planting	Wildlife, Warm Season Grass	Ft	$0.35
422	Hedgerow Planting	Wildlife Cool Season	Ft	$0.34
422	Hedgerow Planting	Pollinator Habitat	Ft	$0.35
441	Irrigation System, Microirrigation	Surface drip irrigation, hoop house	SqFt	$0.03
441	Irrigation System, Microirrigation	Surface Tape	Ac	$271.01
441	Irrigation System, Microirrigation	Surface drip irrigation, outdoor plot, 2 ac or less	SqFt	$0.02
442	Sprinkler System	Fertigation Retrofit, 80 gph Pump	No	$380.99
442	Sprinkler System	Center Pivot System with VRI	Ac	$118.80
442	Sprinkler System	Fertigation Retrofit, 30 gph Pump	No	$334.98
442	Sprinkler System	Renovation of Existing Sprinkler System	Ft	$0.70
442	Sprinkler System	VRI System - Zone	Lnft	$4.36
449	Irrigation Water Management	Basic IWM < 1 acre	SqFt	$0.07
449	Irrigation Water Management	IWM for seasonal high tunnels or small scale specialty crops	No	$29.61
449	Irrigation Water Management	Advanced IWM, greater than 30 acres	Ac	$4.35
449	Irrigation Water Management	IWM, less than or equal to 30 acres	No	$352.39
449	Irrigation Water Management	Soil Moisture Sensors_YR1	No	$166.59
449	Irrigation Water Management	Soil Moisture Sensors with Data Recorder_YR1	No	$222.01
449	Irrigation Water Management	Intermediate IWM < 1 acre	SqFt	$0.10
449	Irrigation Water Management	Soil Moisture Sensors with Data Recorder with Telemetry_YR1	No	$306.38
449	Irrigation Water Management	Intermediate IWM, greater than 30 acres	Ac	$2.61
449	Irrigation Water Management	Advanced IWM < 1 acre	SqFt	$0.12
449	Irrigation Water Management	Basic IWM, greater than 30 acres	Ac	$1.95
472	Access Control	Protection of a designated sensitive area threatened by environmental stressors	Ac	$5.01

Code	Practice	Component	Units	Unit Cost
472	Access Control	Monitoring, maintenance, additional labor	Ac	$4.54
472	Access Control	Trail/Road Access Control with hand tools	No	$70.75
484	Mulching	Erosion Control Blanket	SqFt	$0.02
484	Mulching	Tree and Shrub Rolls	SqFt	$0.01
484	Mulching	Natural Material, Full Coverage	SqFt	$0.00
484	Mulching	Tree and Shrub Mats or Mulch	No	$0.14
490	Tree/Shrub Site Preparation	Chemical, Hand Application	Ac	$11.49
490	Tree/Shrub Site Preparation	Mechanical, Heavy Machinery	Ac	$24.35
490	Tree/Shrub Site Preparation	Mechanical, Light or moderate machinery	Ac	$8.06
490	Tree/Shrub Site Preparation	Hand site preparation	Ac	$25.27
490	Tree/Shrub Site Preparation	Chemical, Ground Application	Ac	$20.09
511	Forage Harvest Management	Forage Crop Harvest Management	Ac	$1.40
512	Pasture and Hay Planting	Frost Seeding	Ac	$11.28
512	Pasture and Hay Planting	Warm Season, one species	Ac	$26.01
512	Pasture and Hay Planting	Cool Season	Ac	$20.59
512	Pasture and Hay Planting	Interseed	Ac	$15.50
512	Pasture and Hay Planting	Warm Season, 2 or more species	Ac	$26.35
516	Livestock Pipeline	Shallow Buried HDPE or PVC Pipe	Ft	$0.32
516	Livestock Pipeline	Deep Buried HDPE or PVC Pipe (Year Round Use), 5 to 6 feet deep with trencher	Ft	$0.61
516	Livestock Pipeline	Surface HDPE or PVC Pipe	Ft	$0.19
516	Livestock Pipeline	Rural Water Connection Equipment	No	$468.64
516	Livestock Pipeline	Directional Boring (Year Round Use)	Ft	$3.46
516	Livestock Pipeline	Pipe for Filling Aquaculture Ponds	Ft	$2.74
516	Livestock Pipeline	Buried HDPE or PVC Pipe (Year Round Use), 3 to 4 feet deep	Ft	$0.55
528	Prescribed Grazing	Pasture Standard	Ac	$3.21
528	Prescribed Grazing	Pasture Intensive	Ac	$7.58
528	Prescribed Grazing	Grazing System Managed to benefit Wildlife Habitat	Ac	$6.65
533	Pumping Plant	Electric-Powered Pump less than or equal to 3 HP with Pressure Tank	HP	$234.62
533	Pumping Plant	Photovoltaic-Powered Pump	HP	$1,604.67

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	Silage Leachate and Runoff Pump Controller	No	$374.96
533	Pumping Plant	Tractor Power Take Off (PTO) Manure Pump	No	$3,716.94
533	Pumping Plant	Electric-Powered Pump less than or equal to 3 HP wthout Pressure Tank	HP	$196.94
533	Pumping Plant	Wastewater pump and controller system	No	$802.87
533	Pumping Plant	Variable Frequency Drive	HP	$12.42
533	Pumping Plant	Milkhouse or Silage waste Pump	HP	$181.23
533	Pumping Plant	Electric-Powered Pump between 3 and 10 HP	HP	$84.46
533	Pumping Plant	Electric-Powered Pump between 10 and 40 HP	HP	$44.55
533	Pumping Plant	Electric-Powered Pump greater than 40 HP	HP	$34.00
533	Pumping Plant	Pump House	No	$107.98
533	Pumping Plant	Pump, Manure, Hollow Piston	No	$2,509.88
533	Pumping Plant	Pump, Manure, Solid Piston	No	$3,228.58
533	Pumping Plant	Livestock Nose Pump or Ram Pump	No	$197.87
533	Pumping Plant	313 Subsurface Drain Pump with sump chamber	No	$813.23
533	Pumping Plant	Windmill-Powered Pump	Ft	$115.77
554	Drainage Water Management	Drainage Water Management	Ac	$1.13
558	Roof Runoff Structure	Medium 7 to 9 inch gutter, Heavy hangers	Ft	$2.24
558	Roof Runoff Structure	Concrete Curb	Ft	$1.61
558	Roof Runoff Structure	Urban high tunnel roof runoff trench drain and storage	Lnft	$4.50
558	Roof Runoff Structure	Existing fascia, Small 4 to 6 inch gutter, normal hangers	Ft	$1.08
558	Roof Runoff Structure	Trench Drain	Ft	$1.68
558	Roof Runoff Structure	New fascia, Small 4 to 6 inch gutter, Heavy duty hangers	Ft	$1.98
558	Roof Runoff Structure	Existing fascia, Medium 7 to 9 inch gutter, normal hangers	Ft	$1.78
558	Roof Runoff Structure	Existing fascia, Small 4 to 6 inch gutter, Heavy duty hangers	Ft	$1.31
561	Heavy Use Area Protection	Concrete Flatwork, 5 inches thick, 1 foot tall R/C Wall	SqFt	$0.86
561	Heavy Use Area Protection	Concrete Flatwork, 5 inches thick, Small	SqFt	$0.73
561	Heavy Use Area Protection	Concrete Flatwork, 5 inches thick, 2 foot tall R/C Wall	SqFt	$0.96
561	Heavy Use Area Protection	Rock/Gravel on Geotextile, Small	SqFt	$0.27
561	Heavy Use Area Protection	Liquid Tight Reinforced Concrete Flatwork	SqFt	$0.87

Code	Practice	Component	Units	Unit Cost
561	Heavy Use Area Protection	Concrete Flatwork, 5 inches thick, no wall	SqFt	$0.74
561	Heavy Use Area Protection	Rock/Gravel on Geotextile	SqFt	$0.14
561	Heavy Use Area Protection	Confined Poultry outdoor access	SqFt	$0.17
561	Heavy Use Area Protection	1 foot tall R/C Wall, Doweled into Slab	Lnft	$3.83
561	Heavy Use Area Protection	Geogrid	SqFt	$0.29
570	Stormwater Runoff Control	Rain Garden	SqFt	$0.10
570	Stormwater Runoff Control	Erosion Control Measure	Ft	$0.39
574	Spring Development	Spring Development, Horizontal Pipe with Collection Box	No	$380.53
574	Spring Development	Spring Development, wth Collection Pipe Structure	No	$273.48
578	Stream Crossing	Multi Plate Full Invert Culvert, Area 124 sqft or Less	Cu-Ft	$5.33
578	Stream Crossing	Hard armored or Paved Stream Crossing	SqFt	$0.92
578	Stream Crossing	Bridge, Manufactured, Foundation Modification	Lnft	$332.61
578	Stream Crossing	CMP Culvert, Greater Than 96 inch Diameter	Cu-Ft	$4.21
578	Stream Crossing	Culvert installation, < 25 inch Diameter, Double culverts	Ft	$8.22
578	Stream Crossing	Culvert installation, < 25 inch Diameter, Single culvert	Ft	$6.55
578	Stream Crossing	Bottomless Culvert	Cu-Ft	$8.53
578	Stream Crossing	Culvert, > 25 inch Diameter to <= 48 inch Diameter, Single Culvert	Ft	$8.54
578	Stream Crossing	Culvert installation, > 25 inch Diameter, to <= 48 inch Diameter Double culverts	Ft	$12.06
578	Stream Crossing	Concrete Box Culvert	Cu-Ft	$5.39
578	Stream Crossing	Bridge: Timber Decking, Timber Supports, Timber Pilings	Cu-Ft	$5.34
578	Stream Crossing	CMP Culvert, > 48 inch to <= 96 inch Diameter with Concrete Headwall and Wingwalls	Cu-Ft	$7.59
578	Stream Crossing	CMP Culvert, > 48 inch to <= 96 inch Diameter	Cu-Ft	$3.46
580	Streambank and Shoreline Protection	Riprap on bank over 9 ft high measure from bank top to toe of slope	Ft	$4.33
580	Streambank and Shoreline Protection	Structural	Ft	$24.87
580	Streambank and Shoreline Protection	Riprap on bank 4 ft to 9 ft high measure from bank top to toe of slope	Ft	$3.36
580	Streambank and Shoreline Protection	Stream Barb	CuYd	$13.73
580	Streambank and Shoreline Protection	Riprap on bank less than 4 ft high measure from bank top to toe of slope	Ft	$2.21
580	Streambank and Shoreline Protection	Bioengineered	Ft	$2.52
587	Structure for Water Control	External Harvest Kettle ONLY for an Existing Aquaculture Pond	No	$2,094.04

Code	Practice	Component	Units	Unit Cost
587	Structure for Water Control	Harvest Kettle Gate	No	$345.37
587	Structure for Water Control	Outlet Structure only for an Existing Aquaculture Pond	No	$4,235.93
587	Structure for Water Control	Subsurface Drainage Control Structure-for a waste storage pond	No	$518.19
587	Structure for Water Control	Drainage Water Management- Inline Water Control Valve	No	$161.93
587	Structure for Water Control	Drainage Water Management Structure	No	$252.63
587	Structure for Water Control	Culvert <30 inches	DiaInFt	$0.26
587	Structure for Water Control	Outlet Structure and External Harvest Kettle for an Existing Aquaculture Pond	Ft	$583.40
587	Structure for Water Control	Culvert Guard, Grill or Fence	In	$6.60
587	Structure for Water Control	Inline Flashboard Riser, Commercial	DiaInFt	$0.62
590	Nutrient Management	Small Scale Urban Basic Nutrient Management	kSqFt	$7.02
590	Nutrient Management	Adaptive NM	No	$287.54
590	Nutrient Management	Basic NM with Manure Injection or Incorporation	Ac	$3.80
590	Nutrient Management	Basic NM (Non-Organic/Organic)	Ac	$0.96
590	Nutrient Management	Small Farm NM (Non-Organic/Organic)	No	$31.04
590	Nutrient Management	Basic Precision NM (Non-Organic/Organic)	Ac	$5.84
595	Pest Management Conservation System	Water Quality Pesticide Mitigation = 30 Point AND/OR Beneficial Insect Pesticide Mitigation - Small Farm	No	$123.69
595	Pest Management Conservation System	Water Quality Pesticide Mitigation = 30 Point AND/OR Beneficial Insect Pesticide Mitigation	Ac	$4.20
595	Pest Management Conservation System	Water Quality Pesticide Mitigation > 30 Point AND/OR Beneficial Insect Pesticide Mitigation	Ac	$7.31
595	Pest Management Conservation System	Water Quality Pesticide Mitigation > 30 Point AND/OR Beneficial Insect Pesticide Mitigation - Small Farm	No	$205.33
604	Saturated Buffer	Saturated Buffer	Ft	$0.99
605	Denitrifying Bioreactor	Bioreactor Without Soil Cover	CuYd	$7.69
605	Denitrifying Bioreactor	Bioreactor With Soil Cover	CuYd	$9.89
606	Subsurface Drain	Enveloped Corrugated Plastic Pipe (CPP), Single-Wall, less than or equal to 6 inch	Lnft	$0.52
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, greater than or equal to 8 inches	Lnft	$0.74
606	Subsurface Drain	Waste Storage Facility Perimeter Drain, 9 or less feet deep	Ft	$3.35
606	Subsurface Drain	Structural Practice Support Drain	Ft	$0.45
606	Subsurface Drain	Secondary Main Retrofit for DWM	Ft	$0.87
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Twin-Wall, greater than or equal to 8 inches	Lnft	$1.55

Code	Practice	Component	Units	Unit Cost
606	Subsurface Drain	Waste Storage Facility Underdrain	Ft	$1.68
606	Subsurface Drain	Corrugated Plastic Pipe (CPP), Single-Wall, less than or equal to 6 inch	Lnft	$0.42
606	Subsurface Drain	Waste Storage Facility Perimeter Drain, greater than 9 feet deep	Ft	$4.28
612	Tree/Shrub Establishment	Perimeter Based Tree-Shrub Regeneration Area with Protection	Lnft	$0.36
612	Tree/Shrub Establishment	Individual Tree with Woven Wire Tree Cage	No	$2.79
612	Tree/Shrub Establishment	Individual tree, hand planting	No	$0.13
612	Tree/Shrub Establishment	Individual Tree with Mesh Protectors	No	$0.33
612	Tree/Shrub Establishment	Individual Tree with Solid Protector	No	$1.16
612	Tree/Shrub Establishment	Medium Density, Conifer, hand plant, with bud caps	No	$0.14
614	Watering Facility	Tank Greater Than 500 Gallons	Gal	$0.10
614	Watering Facility	Above ground poly storage tank 1000 - 3000 gallons	No	$279.70
614	Watering Facility	Frost Free Fountain	No	$89.35
614	Watering Facility	Tank Greater Than 150 and Less Than or Equal to 500 Gallons	Gal	$0.23
614	Watering Facility	Geothermal or heated livestock watering facility	No	$131.52
614	Watering Facility	Tank less than or equal to 150 gallons	Gal	$0.30
620	Underground Outlet	Intake Riser and short offset outlet	No	$51.25
620	Underground Outlet	Aquaculture Pond Outlet	Lnft	$4.44
620	Underground Outlet	8 inch corrugated plastic tubing	Ft	$0.73
620	Underground Outlet	Blind Inlet for Water Quality	CuYd	$7.49
620	Underground Outlet	6 inch pipe conduit	Ft	$1.49
620	Underground Outlet	6 inch corrugated plastic tubing or smaller	Ft	$0.63
620	Underground Outlet	36 inch pipe conduit or larger	Ft	$6.01
620	Underground Outlet	12 inch corrugated plastic tubing or larger	Ft	$1.18
620	Underground Outlet	30 inch pipe conduit	Ft	$4.68
620	Underground Outlet	24 inch pipe conduit	Ft	$3.97
620	Underground Outlet	8 -12 inch pipe conduit	Ft	$1.81
620	Underground Outlet	15-21 inch pipe conduit	Ft	$2.37
620	Underground Outlet	10 inch corrugated plastic tubing	Ft	$1.04
643	Restoration of Rare or Declining Natural Communities	Restoring and Managing unique or diminishing native terrestrial and aquatic ecosystems	Ac	$12.19

Code	Practice	Component	Units	Unit Cost
644	Wetland Wildlife Habitat Management	Wild Rice Seeding	Ac	$55.48
644	Wetland Wildlife Habitat Management	Habitat Monitoring and Management, Medium Intensity and Complexity	Ac	$0.91
645	Upland Wildlife Habitat Management	Inter-seeding Milkweed for Monarch Habitat	Ac	$23.35
645	Upland Wildlife Habitat Management	Honeybee Habitat Multi Species Mix with Monitoring and Foregone Income	Ac	$35.67
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, High Intensity and Complexity, No Foregone Income	Ac	$1.23
647	Early Successional Habitat Development-Mgt	Disking	Ac	$11.02
647	Early Successional Habitat Development-Mgt	Regeneration of mature alder stands.	Ac	$61.45
647	Early Successional Habitat Development-Mgt	Regeneration of aspen stands.	Ac	$61.45
647	Early Successional Habitat Development-Mgt	Mowing	Ac	$18.16
654	Road/Trail/Landing Closure and Treatment	Road or Trail Abandonment or Rehabilitation, Light	Ft	$0.29
654	Road/Trail/Landing Closure and Treatment	Road or Trail or Landing Closure and Treatment, less than 35 percent hillslope	Ft	$0.61
654	Road/Trail/Landing Closure and Treatment	Road or Trail or Landing Closure and Treatment, 35 percent or more hillslope	Ft	$1.00
655	Forest Trails and Landings	Temporary Wetland Crossing, Sensitive Site	SqFt	$0.30
655	Forest Trails and Landings	Trail Erosion Control without Vegetation, Slopes >35%	Ft	$1.32
655	Forest Trails and Landings	Temporary Stream Crossing, Sensitive Site	No	$228.76
655	Forest Trails and Landings	Temporary Stream Crossing	No	$142.12
655	Forest Trails and Landings	Trail Erosion Control without Vegetation, Slopes < 35%	Ft	$0.37
655	Forest Trails and Landings	Grading and Shaping with Vegetative Establishment	Ft	$0.26
655	Forest Trails and Landings	Trail and Landing Installation	Ft	$0.14
655	Forest Trails and Landings	Temporary Landing, Sensitive Site	SqFt	$0.30
660	Tree/Shrub Pruning	Root Pruning for Oak Wilt Control	Lnft	$0.39
666	Forest Stand Improvement	Even-aged Stand Marking, Commercial Harvest	Ac	$8.72
666	Forest Stand Improvement	Patch Clearcuts, Non-commercial	Ac	$81.87
666	Forest Stand Improvement	Tree Release, Light Equipment	Ac	$28.14
666	Forest Stand Improvement	Uneven-aged Stand Marking, Commercial Harvest	Ac	$16.98
B000BFF1	Buffer Bundle#1	Buffer Bundle#1	Ac	$3,062.00
B000CPL10	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	YEAR 1 Irrigated Cropland (MRBI/Ogallala)	Ac	$174.80
B000CPL11	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	YEAR 2+ Irrigated Cropland (MRBI/Ogallala)	Ac	$77.90
B000CPL12	Non-Irrigated Precision Ag (MRBI)	Non-Irrigated Precision Ag (MRBI)	Ac	$44.96

Code	Practice	Component	Units	Unit Cost
B000CPL13	Non-Irrigated Cropland (MRBI)	Non-Irrigated Cropland (MRBI)	Ac	$62.24
B000CPL14	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	YEAR 1 Irrigated Precision Ag Cropland (MRBI)	Ac	$153.63
B000CPL15	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	YEAR 2+ Irrigated Precision Ag Cropland (MRBI)	Ac	$56.73
B000CPL16	Non-Irrigated Cropland with Water Bodies (MRBI)	Non-Irrigated Cropland with Water Bodies (MRBI)	Ac	$71.19
B000CPL17	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	Non-Irrigated Cropland with Water Bodies Riparian Forest Buffer (MRBI)	Ac	$110.61
B000CPL18	Crop Bundle #18 - Precision Ag	Crop Bundle #18 - Precision Ag	Ac	$45.67
B000CPL19	Crop Bundle #19 - Soil Health Precision Ag	Crop Bundle #19 - Soil Health Precision Ag	Ac	$46.38
B000CPL20	Crop Bundle #20 - Soil Health Assessment	Crop Bundle #20 - Soil Health Assessment	Ac	$68.56
B000CPL21	Crop Bundle #21 - Crop Bundle (Organic)	Crop Bundle #21 - Crop Bundle (Organic)	Ac	$86.95
B000CPL22	Crop Bundle #22 - Erosion Bundle (Organic)	Crop Bundle #22 - Erosion Bundle (Organic)	Ac	$71.37
B000CPL23	Crop Bundle #23 - Pheasant and quail habitat	Crop Bundle #23 - Pheasant and quail habitat	Ac	$61.95
B000CPL24	Crop Bundle #24 - Cropland Soil Health Management System	Crop Bundle #24- Cropland Soil Health Management System	Ac	$59.21
B000FST1	Forest Bundle#1	Forest Bundle#1	Ac	$108.17
B000GRZ1	Grazing Bundle 1 - Range and Pasture	Grazing Bundle 1 - Range and Pasture	Ac	$100.71
B000GRZ2	Grazing Bundle 2 - Range and Pasture	Grazing Bundle 2 - Range and Pasture	Ac	$2,527.26
B000GRZ3	Grazing Bundle 3 - Range and Pasture	Grazing Bundle 3 - Range and Pasture	Ac	$1,677.48
B000GRZ4	Grazing Bundle 4 - Range and Pasture	Grazing Bundle 4 - Range and Pasture	Ac	$3,299.23
B000GRZ5	Grazing Bundle 5 - Range and Pasture	Grazing Bundle 5 - Range and Pasture	Ac	$6.86
B000PST5	Pasture Bundle 5	Pasture Bundle #5	Ac	$73.10
E199A	Comprehensive Conservation Plan	Single Enterprise-High	No	$11,125.04
E199A	Comprehensive Conservation Plan	Single Enterprise-Medium	No	$9,047.21
E199A	Comprehensive Conservation Plan	Basic Comprehensive Conservation Plan-One Land Use	No	$2,560.92
E199A	Comprehensive Conservation Plan	Comprehensive Conservation Plan on 2 or more Land Use	No	$3,394.30
E199A	Comprehensive Conservation Plan	Single Enterprise-Low	No	$6,933.37
E199A	Comprehensive Conservation Plan	Multiple Enterprise-High	No	$14,277.79
E199A	Comprehensive Conservation Plan	Multiple Enterprise-Medium	No	$12,405.50
E199A	Comprehensive Conservation Plan	Comprehensive Conservation Plan for Operation with > 2 land uses and 2 or more resource concerns	No	$3,811.00
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Range	Ac	$1.00

Code	Practice	Component	Units	Unit Cost
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Pasture	Ac	$3.00
E300EAP1	Existing Activity Payment-Land Use	CSP EAP NIPF	Ac	$0.50
E300EAP1	Existing Activity Payment-Land Use	CSP EAP AAL	Ac	$0.50
E300EAP1	Existing Activity Payment-Land Use	CSP EAP Cropland and Farmstead	Ac	$7.50
E300EAP2	Existing Activity Payment-Resource Concern	CSP EAP RC met at time of enrollment	No	$300.00
E314A	Brush management to improve wildlife habitat	Brush management to improve wildlife habitat	Ac	$19.35
E314A	Brush management to improve wildlife habitat	SU-Brush management to improve wildlife habitat	Ac	$29.03
E315A	Herbaceous weed treatment to create plant communities consistent with the ecological site	Herbaceous weed treatment to create plant communities consistent with the ecological site	Ac	$14.81
E315A	Herbaceous weed treatment to create plant communities consistent with the ecological site	SU-Herbaceous weed treatment to create plant communities consistent with the ecological site	Ac	$22.22
E327A	Conservation cover for pollinators and beneficial insects	Conservation cover for pollinators and beneficial insects	Ac	$463.21
E327B	Establish Monarch butterfly habitat	Establish Monarch butterfly habitat	Ac	$824.28
E328A	Resource conserving crop rotation	SU-Resource conserving crop rotation	Ac	$24.76
E328B	Improved resource conserving crop rotation	SU-Improved resource conserving crop rotation	Ac	$8.84
E328C	Conservation crop rotation on recently converted CRP grass/legume cover	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	Ac	$3.54
E328D	Leave standing grain crops unharvested to benefit wildlife	Leave standing grain crops unharvested to benefit wildlife	Ac	$4.50
E328E	Soil health crop rotation	Soil health crop rotation	Ac	$5.89
E328F	Modifications to improve soil health and increase soil organic matter	Modifications to improve soil health and increase soil organic matter	Ac	$2.37
E328G	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	Crop rotation on recently converted CRP grass/legume cover for soil organic matter improvement	Ac	$5.89
E328I	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients	Forage harvest to reduce water quality impacts by utilization of excess soil nutrients	Ac	$5.35
E328J	Improved crop rotation to provide benefits to pollinators	Improved crop rotation to provide benefits to pollinators	Ac	$94.31
E328K	Multiple crop types to benefit wildlife	Multiple crop types to benefit wildlife	Ac	$5.89
E328L	Leaving tall crop residue for wildlife	Leaving tall crop residue for wildlife	Ac	$11.79
E328M	Diversify crop rotation with canola or sunflower to provide benefits to pollinators	Diversify crop rotation with canola or sunflower to provide benefits to pollinators	Ac	$11.79
E328N	Intercropping to Improve Soil Health	Intercropping to improve soil health	Ac	$5.89

Code	Practice	Component	Units	Unit Cost
E328O	Perennial Grain Conservation Crop Rotation	Perennial Grain Rotation	Ac	$163.02
E329A	No till to reduce soil erosion	No till to reduce soil erosion	Ac	$3.54
E329B	No till to reduce tillage induced particulate matter	No till to reduce tillage induced particulate matter	Ac	$3.54
E329C	No till to increase plant-available moisture	No till to increase plant-available moisture	Ac	$3.54
E329D	No till system to increase soil health and soil organic matter content	No till system to increase soil health and soil organic matter content	Ac	$4.72
E329E	No till to reduce energy	No till to reduce energy	Ac	$4.72
E334A	Controlled traffic farming to reduce compaction	Controlled traffic farming to reduce compaction	Ac	$8.36
E338A	Strategically planned, patch burning for grazing distribution and wildlife habitat	SU-Strategically planned, patch burning for grazing distribution and wildlife habitat	Ac	$11.45
E338A	Strategically planned, patch burning for grazing distribution and wildlife habitat	Strategically planned, patch burning for grazing distribution and wildlife habitat	Ac	$7.63
E338B	Short-interval burns to promote a healthy herbaceous plant community	Short-interval burns to promote a healthy herbaceous plant community	Ac	$93.63
E338C	Sequential patch burning	Sequential patch burning	Ac	$179.23
E340A	Cover crop to reduce soil erosion	Cover crop to reduce soil erosion	Ac	$8.38
E340B	Intensive cover cropping to increase soil health and soil organic matter content	Intensive cover cropping to increase soil health and soil organic matter content	Ac	$14.74
E340C	Use of multi-species cover crops to improve soil health and increase soil organic matter	Use of multi-species cover crops to improve soil health and increase soil organic matter	Ac	$12.74
E340D	Intensive orchard/vineyard floor cover cropping to increase soil health	Intensive orchard/vineyard floor cover cropping to increase soil health	Ac	$12.74
E340E	Use of soil health assessment to assist with development of cover crop mix to improve soil health	Use of soil health assessment to assist with development of cover crop mix to improve soil health	Ac	$4.02
E340F	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	Ac	$12.26
E340G	Cover crop to reduce water quality degradation by utilizing excess soil nutrients	Cover crop to reduce water quality degradation by utilizing excess soil nutrients	Ac	$12.26
E340H	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crop to suppress excessive weed pressures and break pest cycles	Ac	$12.74
E340I	Using cover crops for biological strip till	Using cover crops for biological strip till	Ac	$14.15
E345A	Reduced tillage to reduce soil erosion	Reduced tillage to reduce soil erosion	Ac	$4.72
E345B	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce tillage induced particulate matter	Ac	$3.54

Code	Practice	Component	Units	Unit Cost
E345C	Reduced tillage to increase plant-available moisture	Reduced tillage to increase plant-available moisture	Ac	$3.54
E345D	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage to increase soil health and soil organic matter content	Ac	$4.72
E345E	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	Ac	$3.54
E373A	Dust suppressant re-application for stabilization	Dust Suppressant Re-application, Once per Year	SqFt	$0.23
E374A	Install variable frequency drive(s) on pump(s)	Install variable frequency drive(s) on pump(s)	BHP	$116.69
E374B	Switch fuel source for pump motor(s)	Switch fuel source for pump motor(s)	HP	$3,198.83
E376A	Modify field operations to reduce particulate matter	Modify field operations to reduce particulate matter	Ac	$3.54
E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Ft	$0.19
E382A	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	SU-Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Ft	$0.29
E382B	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Ft	$0.55
E382B	Installing electrical fence offsets and wire for cross-fencing to improve grazing management	SU-Installing electrical fence offsets and wire for cross-fencing to improve grazing management	Ft	$0.83
E383A	Grazing-maintained fuel break to reduce the risk of fire	Grazing-maintained fuel break to reduce the risk of fire	Ac	$241.87
E386A	Enhanced field borders to reduce soil erosion along the edge(s) of a field	Enhanced field borders to reduce soil erosion along the edge(s) of a field	Ac	$639.10
E386B	Enhanced field borders to increase carbon storage along the edge(s) of the field	Enhanced field borders to increase carbon storage along the edge(s) of the field	Ac	$724.03
E386C	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Ac	$653.91
E386D	Enhanced field borders to increase food for pollinators along the edge(s) of a field	Enhanced field borders to increase food for pollinators along the edge(s) of a field	Ac	$724.03
E386E	Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field	Enhanced field borders to increase wildlife food and habitat along the edge(s) of a field	Ac	$724.03
E390A	Increase riparian herbaceous cover width for sediment and nutrient reduction	Increase riparian herbaceous cover width for sediment and nutrient reduction	Ac	$497.48
E390B	Increase riparian herbaceous cover width to enhance wildlife habitat	Increase riparian herbaceous cover width to enhance wildlife habitat	Ac	$344.83
E391A	Increase riparian forest buffer width for sediment and nutrient reduction	Increase riparian forest buffer width for sediment and nutrient reduction	Ac	$2,111.58

Code	Practice	Component	Units	Unit Cost
E391B	Increase stream shading for stream temperature reduction	Increase stream shading for stream temperature reduction	Ac	$2,136.26
E391C	Increase riparian forest buffer width to enhance wildlife habitat	Increase riparian forest buffer width to enhance wildlife habitat	Ac	$2,136.26
E393A	Extend existing filter strip to reduce water quality impacts	Extend existing filter strip to reduce water quality impacts	Ac	$959.82
E395A	Stream habitat improvement through placement of woody biomass	Stream habitat improvement through placement of woody biomass	Ac	$18,605.75
E412A	Enhance a grassed waterway	Waterway, reshape/extend/widen	Ac	$4,920.06
E420A	Establish pollinator habitat	Establish Pollinator Habitat	Ac	$446.17
E420B	Establish monarch butterfly habitat	Establish Monarch Habitat	Ac	$824.28
E449A	Complete pumping plant evaluation for water savings	Complete pumping plant evaluation for water savings	Ac	$6.49
E449C	Advanced Automated IWM - Year 2-5, soil moisture monitoring	Advanced Automated IWM – Year 2-5, soil moisture monitoring	Ac	$21.46
E449D	Advanced Automated IWM - Year 1, Equipment and soil moisture or water level monitoring	Advanced Automated IWM – Year 1, Equipment and soil moisture or water level monitoring	Ac	$54.41
E449H	Intermediate IWM - Years 2 -5, using soil moisture or water level monitoring	Intermediate IWM - Years 2 - 5, using soil moisture or water level monitoring	Ac	$48.75
E449I	Sprinkler Irrigation Equipment Retrofit	IWM - Year 1, Retrofit Equipment with Speed Control on Sprinkler Irrigation	No	$1,621.68
E472A	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Ft	$2.60
E472A	Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	SU-Manage livestock access to waterbodies to reduce nutrients or pathogens to surface water	Ft	$3.90
E484A	Mulching to improve soil health	Mulching to improve soil health	Ac	$2.36
E484B	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	Reduce particulate matter emissions by using orchard or vineyard generated woody materials as mulch	Ac	$16.72
E484C	Mulching with natural materials in specialty crops for weed control	Mulching with natural materials in specialty crops for weed control	Ac	$43.20
E511A	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Ac	$3.93
E511B	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	SU-Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Ac	$8.03
E511B	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Forage harvest management that helps maintain wildlife habitat cover, shelter or continuity	Ac	$5.35

Code	Practice	Component	Units	Unit Cost
E512A	Cropland conversion to grass-based agriculture to reduce soil erosion	Cropland conversion to grass-based agriculture to reduce soil erosion	Ac	$7.89
E512B	Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health	Forage and biomass planting to reduce soil erosion or increase organic matter to build soil health	Ac	$23.97
E512C	Cropland conversion to grass for soil organic matter improvement	Cropland conversion to grass for soil organic matter improvement	Ac	$12.12
E512D	Forage plantings that help increase organic matter in depleted soils	Forage plantings that help increase organic matter in depleted soils	Ac	$12.75
E512E	Forage and biomass planting that produces feedstock for biofuels or energy production.	Forage and biomass planting that produces feedstock for biofuels or energy production.	Ac	$59.84
E512I	Establish pollinator and/or beneficial insect and/or monarch habitat	Establish pollinator and/or beneficial insect and/or monarch habitat	Ac	$26.98
E512J	Establish wildlife corridors to provide habitat continuity or access to water	Establish wildlife corridors to provide habitat continuity or access to water	Ac	$17.33
E512K	Establishing Native Species into Forage to Improve Diversity for both Livestock and Wildlife	Establishing native species into forage base to improve diversity for both livestock and wildlife	Ac	$36.91
E512L	Diversifying Forage Base with Interseeding Forbs and Legumes to Increase Pasture Quality	Diversifying forage base with interseeding forbs and legumes to increase pasture quality.	Ac	$18.03
E512M	Forage Plantings that Improve Wildlife Habitat Cover and Shelter or Structure and Composition	Forage plantings that improve wildlife habitat cover and shelter or structure and composition	Ac	$52.47
E528A	Maintaining quantity and quality of forage for animal health and productivity	Maintaining quantity and quality of forage for animal health and productivity	Ac	$4.14
E528B	Grazing management that improves monarch butterfly	Grazing management that improves monarch butterfly habitat	Ac	$10.75
E528C	Incorporating wildlife refuge areas in contingency plans for wildlife.	Incorporating wildlife refuge areas in contingency plans for wildlife.	Ac	$18.18
E528D	Grazing management for improving quantity and quality of food or cover and shelter for wildlife	Grazing management for improving quantity and quality of food or cover and shelter for wildlife	Ac	$0.59
E528E	Improved grazing management for enhanced plant structure and composition for wildlife	Improved grazing management for enhanced plant structure and composition for wildlife	Ac	$3.40
E528F	Stockpiling cool season forage to improve structure and composition or plant productivity and health	Stockpiling cool season forage to improve structure and composition or plant productivity and health	Ac	$26.09
E528G	Improved grazing management on pasture for plant productivity and health with monitoring activities	Improved grazing management on pasture for plant productivity and health with monitoring activities	Ac	$10.67

Code	Practice	Component	Units	Unit Cost
E528I	Grazing management that protects sensitive areas -surface or ground water from nutrients	Grazing management that protects sensitive areas -surface or ground water from nutrients	Ac	$1.90
E528J	Prescribed grazing on pastureland that improves riparian and watershed function	Prescribed grazing on pastureland that improves riparian and watershed function	Ac	$17.20
E528L	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Ac	$10.95
E528M	Grazing management that protects sensitive areas from gully erosion	Grazing management that protects sensitive areas from gully erosion	Ac	$1.73
E528N	Improved grazing management through monitoring activities	Improved grazing management through monitoring activities	Ac	$2.11
E528O	Clipping mature forages to set back vegetative growth for improved forage quality	Clipping mature forages to set back vegetative growth for improved forage quality	Ac	$37.31
E528P	Implementing Bale or Swath Grazing to increase organic matter and reduce nutrients in surface water	Implementing bale or swath grazing to increase organic matter or reduce nutrients in surface water	Ac	$151.77
E528Q	Use of body condition scoring for livestock on a monthly basis to keep track of herd health	Use of body condition scoring for livestock on a monthly basis to keep track of herd health	Ac	$1.71
E528R	Management Intensive Rotational Grazing	Management Intensive Rotational Grazing	Ac	$42.12
E528S	Soil Health Improvements on Pasture	Soil health improvements on pasture	Ac	$10.13
E533A	Advanced Pumping Plant Automation	Advanced Pumping Plant Automation	No	$5,343.29
E533B	Complete pumping plant evaluation for energy savings	Complete pumping plant evaluation for energy savings	Ac	$6.49
E570A	Enhanced rain garden for wildlife	Enhanced rain garden for wildlife	SqFt	$0.18
E578A	Stream crossing elimination	Stream crossing elimination	No	$8,007.66
E580A	Stream corridor bank stability improvement	Stream corridor bank stability improvement	Ac	$2,036.91
E580B	Stream corridor bank vegetation improvement	Stream corridor bank vegetation improvement	Ac	$2,036.91
E590A	Improving nutrient uptake efficiency and reducing risk of nutrient losses	Improving nutrient uptake efficiency and reducing risk of nutrient losses	Ac	$34.21
E590B	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies	Reduce risks of nutrient loss to surface water by utilizing precision agriculture technologies	Ac	$15.80
E590C	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Ac	$18.79
E590C	Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	SU-Improving nutrient uptake efficiency and reducing risk of nutrient losses on pasture	Ac	$28.19

Code	Practice	Component	Units	Unit Cost
E590D	Reduce nutrient loss by increasing setback awareness via precision technology for water quality	Reduce risks of nutrient losses to surface and groundwater by increasing setback awareness via precision technology	Ac	$13.65
E595A	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Ac	$11.88
E595B	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques	Reduce risk of pesticides in water and air by utilizing IPM PAMS techniques	Ac	$7.32
E595D	Increase the size requirement of refuges planted to slow pest resistance to Bt crops	Increase the size requirement of refuges planted to slow pest resistance to Bt crops	Ac	$15.35
E595E	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	SU-Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Ac	$9.57
E595E	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Eliminate use of chemical treatments to control pests and to increase the presence of dung beetles	Ac	$6.38
E612A	Cropland conversion to trees or shrubs for long term improvement of water quality	Cropland conversion to trees or shrubs for long term improvement of water quality	Ac	$345.57
E612B	Planting for high carbon sequestration rate	Planting for high carbon sequestration rate	Ac	$1,755.41
E612C	Establishing tree/shrub species to restore native plant communities	Establishing tree/shrub species to restore native plant communities	Ac	$972.72
E612D	Adding food-producing trees and shrubs to existing plantings	Adding food-producing trees and shrubs to existing plantings	Ac	$209.42
E612E	Cultural plantings	Cultural plantings	Ac	$1,896.64
E612F	Sugarbush management	Sugarbush management	Ac	$869.83
E612G	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	Ac	$1,959.19
E643A	Restoration of sensitive coastal vegetative communities	Restoration of sensitive coastal vegetative communities	No	$144.12
E643B	Restoration and management of rare or declining habitat	Restoration and management of rare or declining habitat	Ft	$8.88
E643C	Restore glade habitat to benefit threatened and endangered species and state species of concern	Restore glade habitat to benefit threatened and endangered species and state species of concern	Ac	$1,283.01
E644A	Managing Flood-Irrigated Landscapes for Wildlife	Managing Flood-Irrigated Landscapes for Wildlife	Ac	$27.28
E645A	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	SU-Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	No	$77.81
E645A	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	No	$51.87
E645B	Manage existing shrub thickets to provide adequate shelter for wildlife	Manage existing shrub thickets to provide adequate shelter for wildlife	Ac	$311.73

Code	Practice	Component	Units	Unit Cost
E645C	Edge feathering for wildlife cover	Edge feathering for wildlife cover	Ac	$866.67
E646A	Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat	Close structures to capture and retain rainfall for waterfowl and wading bird winter habitat	Ac	$29.98
E646C	Manipulate vegetation and maintain closed structures for shorebirds mid-summer habitat	Manipulate vegetation and maintain closed structures for shorebirds mid-summer habitat	Ac	$57.25
E646D	Manipulate vegetation and maintain closed structures for shorebird late summer habitat	Manipulate vegetation and maintain closed structures for shorebird late summer habitat	Ac	$63.69
E647C	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat	Maintain most soil vegetation on cropland edges to enhance waterfowl and shorebird habitat	Ac	$12.29
E647D	Establish and maintain early successional habitat in ditches and bank borders	Establish and maintain early successional habitat in ditches and bank borders	Ac	$12.29
E666A	Maintaining and improving forest soil quality	Maintaining and improving forest soil quality	Ac	$45.06
E666D	Forest management to enhance understory vegetation	Forest management to enhance understory vegetation	Ac	$271.44
E666E	Reduce height of the forest understory to limit wildfire risk	Reduce height of the forest understory to limit wildfire risk	Ac	$271.44
E666F	Reduce forest stand density to create open stand structure	Reduce forest stand density to create open stand structure	Ac	$310.79
E666G	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat	Reduce forest density and manage understory along roads to limit wildfire risk and improve habitat	Ac	$317.48
E666H	Increase on-site carbon storage	Increase on-site carbon storage	Ac	$15.33
E666I	Crop tree management for mast production	Crop tree management for mast production	Ac	$403.94
E666J	Facilitating oak forest regeneration	Facilitating oak forest regeneration	Ac	$619.57
E666K	Creating structural diversity with patch openings	Creating structural diversity with patch openings	Ac	$584.17
E666L	Forest Stand Improvement to rehabilitate degraded hardwood stands	Forest Stand Improvement to rehabilitate degraded hardwood stands	Ac	$573.56
E666O	Snags, den trees, and coarse woody debris for wildlife habitat	Snags, den trees, and coarse woody debris for wildlife habitat	Ac	$58.47
E666P	Summer roosting habitat for native forest-dwelling bat species	Summer roosting habitat for native forest-dwelling bat species	Ac	$229.22
E666Q	Increase diversity in pine plantation monocultures	Increase diversity in pine plantation monocultures	Ac	$584.17
E666R	Forest songbird habitat maintenance	Forest songbird habitat maintenance	Ac	$218.80